

CASTING BEDS (LEVELERS)

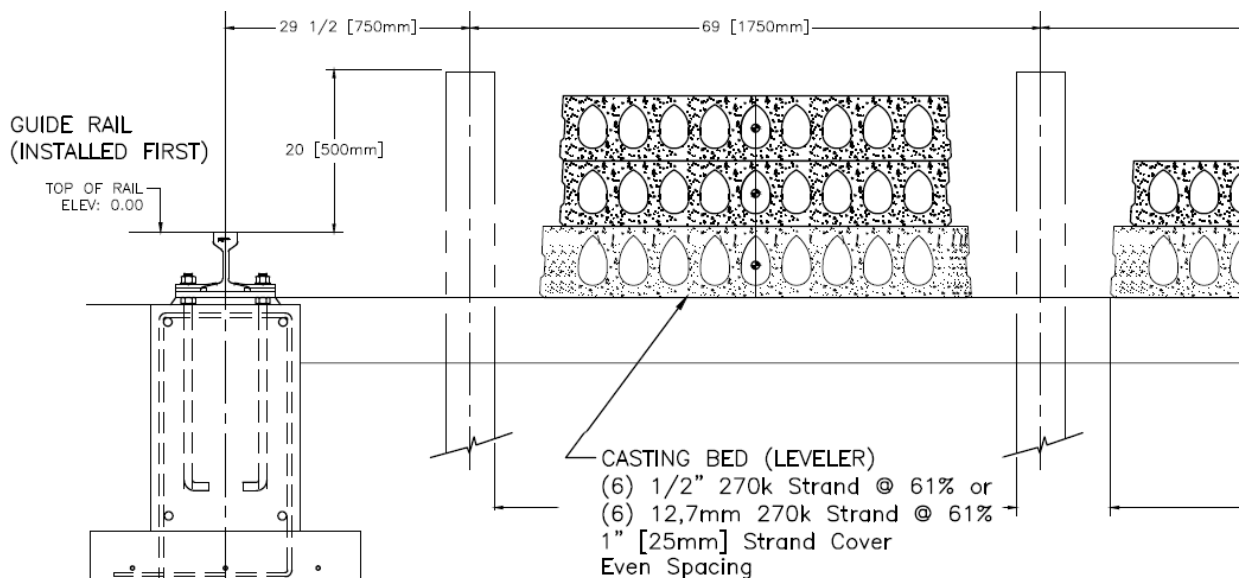
INITIAL INSTALLATION OF SPANCRETE SLIPFORMER

After your hollow core work area floor has been completed between the rails, the SGS Service Technician will assist you in production of your Levelers (Casting Beds).

Step 1. Our Service Technician will carefully examine the floor of the hollowcore work area to determine the appropriate height of the Leveler (Casting Bed). The Leveler is produced with the Slipformer to correct any imperfections you might have in your floor and provide you with a finished Casting Bed that matches the level of your rails.

Step 2. Test batches of concrete should be prepared and placed with the Slipformer to finalize any adjustments to the machine and experiment with your specific concrete and aggregates. This will allow the SGS Service Technician to make final adjustments to Slipformer to achieve the best possible finish to your Casting Beds.

Step 3. Layout and stress Prestressed Strands; size, locations and stressing levels as shown in your Casting Bed Civil Works Drawing package. Below is a typical installation for 4'1,2m product. 8'2,4m installation would double the number of strand.



Step 4. Produce your Casting Beds. As this process is also used for training, you can expect the SGS Service Technician to produce one 4'1,2m Casting Bed per day initially. With good personnel, your crew should be producing final bed(s) with guidance only from our technician.

REPLACEMENT CASTING BEDS

With a diligent work force, Casting Beds will last years before they will need to be replaced.

Repairs to damaged Casting Beds can be made but some plants continue to use their Casting Beds without repairs.

This will result in hollow core slabs with very poor quality bottom surfaces.



To replace your Casting Beds, you can either cut and remove the existing Casting Beds or produce a new Casting Bed over the existing Casting Bed. This would reduce the number of production runs you can stack cast but if you are not stack casting it will provide an elevated work surface for your personnel.

To replace your Casting Beds, repeat Steps 1, 3 & 4 in the procedure above.